

## CLAIMS

I claim:

- [1. A pre-glass agglomeration, comprising:  
SiO<sub>2</sub> about 60 to about 75%;  
Na<sub>2</sub>O about 10 to about 35%;  
K<sub>2</sub>O about 2 to about 20%;  
B<sub>2</sub>O<sub>3</sub> about 5 to about 20%; and  
CaO about 0.5 to about 12%.
2. The pre-glass agglomeration of claim 1, further comprising:  
a liquid selected from the group consisting of an oil and an alcohol.
3. The pre-glass agglomeration of claim 2, wherein:  
said liquid is a fragrance.
4. The pre-glass agglomeration of claim 1, further comprising:  
about 20% of an acid selected from the group consisting of HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, HCl, H<sub>3</sub>PO<sub>4</sub>, HF  
and acetic acid.
5. The pre-glass agglomeration of claim 4, further comprising:  
a liquid selected from the group consisting of an oil and an alcohol.
6. The pre-glass agglomeration of claim 5, wherein:  
said liquid is a fragrance.]
7. (amended) A process for making [a pre-glass]an agglomeration[, ] of fused microspheres  
comprising the steps of:
  - a. mixing silicates;
  - b. mixing modifiers;

- c. mixing silicates and modifiers together to form a mixture;
- d. drying the mixture to form a dry resultant material;
- e. collecting the dry resultant material;
- f. heating the resultant material to form [-a pre-glass]an agglomeration; and
- g. collecting the [pre-glass] agglomeration.

8. (amended) The process for making [a pre-glass]an agglomeration of fused microspheres as in claim 7, further comprising the steps of:

- a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;
- b. removing the [pre-glass] agglomeration from the liquid fragrance; and
- c. drying the fragrance containing [pre-glass]the agglomeration wherein said drying is selected from the group consisting ultra violet light or heat.

9. (amended) A process for making [a pre-glass]an agglomeration of fused microspheres as in claim 7, wherein:

said silicates are sodium silicate and potassium silicate; and  
said modifiers are [boron] boric acid, Pb, MgO, Al<sub>2</sub>O<sub>3</sub>, BaO, Li<sub>2</sub>O, Ge, S and calcium nitrate.

10. (amended) A process for making [a pre-glass]an agglomeration of fused microspheres as in claim 9, wherein:

- a. the step of mixing the silicates and the modifiers together to form the mixture occurs by pouring the modifiers into the silicates;
- b. the step of drying occurs with a spray dryer via a diaphragm pump at 50-150 psi and atomizing at 80 to 300 psi with outlet temperature ranging from about 300° to about 800°F; and
- c. the step of heating the resultant material occurs in a furnace by an accurate feeder rotating 5-20 rpm at an angle of repose 1/8 - 5 inches per foot at about 200°C to about 1200°C with a counter current dry air flow [50] 25 - 200 SCFH.

11. (amended) A process for making [a pre-glass]an agglomeration of fused microspheres as in claim 9, wherein:

- a. the step of mixing the silicates and the modifiers together to form the mixture occurs by pouring the modifiers into the silicates;
- b. the step of drying occurs with a spray dryer via a diaphragm pump at 50-150 psi and atomizing at 80 to 300 psi with outlet temperature ranging from about 300° to about 800°F; and
- c. the step of heating the resultant material occurs in a furnace by an accurate feeder rotating 5-20 rpm at an angle of repose 1/8 - 5 inches per foot at about 200°C to about 1200°C with a co-current dry air flow [50] 25 - 200 SCFH.

12. (amended) A process for making [a pre-glass]an agglomeration of fused microspheres as in claim 9, wherein:

- a. the step of mixing the silicates and the modifiers occurs by an impeller pump and a recirculation loop;
- b. the step of drying occurs with a spray dryer with a diaphragm pump at 25-200 psi and air atomizing at 80 to 800 psi with an outlet temperature ranging from about 300° to about 800°F; and
- c. the step of heating the resultant material occurs in a furnace by an accurate feeder rotating 5-20 rpm at an angle of repose 1/8 - 5 inches per foot at about 200°C to about 1200°C with a co-current dry air flow [50] 25 - 200 SCFH.

13. (amended) A process for making [a pre-glass]an agglomeration of fused microspheres as in claim 9, wherein:

- a. the drying step occurs at about 100° to about 300°C; and
- b. the step of heating the resultant material occurs in a furnace by an accurate feeder rotating 5-20 rpm at an angle of repose 1/8 - 5 inches per foot at about 200°C to about 1200°C with a co-current dry air flow [50] 25 - 200 SCFH.

[14. (amended) A process for making a pre-glass agglomeration as in claim 9, further comprising:

a. adding about 20% acid to the mixture of silicates and modifiers by high shear vigorous mixing and ball milling to form the dry material, wherein said acids are  $\text{HNO}_3$ ,  $\text{H}_2\text{SO}_4$ ,  $\text{HCl}$ ,  $\text{H}_3\text{PO}_4$ ,  $\text{HF}$ , and acetic acid.]

15. (amended) The process for making [a pre-glass]an agglomeration of fused microspheres as in claim 9, further comprising the steps of:

a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;

b. removing the [pre-glass] agglomeration from the liquid fragrance; and

c. drying the fragrance containing [pre-glass]the agglomeration of fused microspheres wherein said drying is selected from the group consisting ultra violet light or heat.

16. (amended) The process for making [a pre-glass]an agglomeration of fused microspheres as in claim 10, further comprising the steps of:

a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;

b. removing the [pre-glass] agglomeration from the liquid fragrance; and

c. drying the fragrance containing [pre-glass]the agglomeration.

17. (amended) The process for making [a pre-glass]an agglomeration as in claim 11, further comprising the steps of:

a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;

b. removing the [pre-glass] agglomeration from the liquid fragrance; and

c. drying the fragrance containing [pre-glass]the agglomeration.

18. (amended) The process for making [a pre-glass]an agglomeration of fused microspheres

as in claim 12, further comprising the steps of:

- a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;
- b. removing the [pre-glass] agglomeration from the liquid fragrance; and
- c. drying the fragrance containing [pre-glass]the agglomeration wherein said drying is selected from the group consisting ultra violet light or heat.

19. (amended) The process for making [a pre-glass]an agglomeration of fused microspheres as in claim 13, further comprising the steps of:

- a. soaking the [pre-glass] agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;
- b. removing the [pre-glass] agglomeration from the liquid fragrance; and
- c. drying the fragrance containing [pre-glass]the agglomeration wherein said drying is selected from the group consisting ultra violet light or heat.

[20. The process for making a pre-glass agglomeration as in claim 14, further comprising the steps of:

- a. soaking the pre-glass agglomeration in a liquid fragrance selected from the group consisting of an oil and an alcohol;
- b. removing the pre-glass agglomeration from the liquid fragrance; and
- c. drying the fragrance containing pre-glass agglomeration wherein said drying is selected from the group consisting ultra violet light or heat.]